

United States Department of Agriculture
Animal and Plant Health Inspection Service
4700 River Road
Riverdale, MD 20737

Permit to Move Live Plant Pests, Noxious Weeds, and Soil
Interstate Movement
Regulated by 7 CFR 330

This permit was generated electronically via the ePermits system

PERMITTEE NAME:	Dr. Caroline Williams	PERMIT NUMBER:	P526P-18-00903
ORGANIZATION:	University of California, Berkeley	APPLICATION NUMBER:	P526-180207-031
ADDRESS:	Department of Integrative Biology 3040 Valley Life Sciences Building # 3140 Berkeley, CA 94720-3140	FACILITY NUMBER:	3536
MAILING ADDRESS:	Department of Integrative Biology 3040 Valley Life Sciences Building # 3140 Berkeley, CA 94720-3140	HAND CARRY:	No
PHONE:	352-262-2908	DATE ISSUED:	03/14/2018
FAX:		EXPIRES:	03/14/2021
DESTINATION:	Department of Integrative Biology, 163 Life Sciences Addition, University of California, Berkeley, CA 94720-3200		
RELEASE:	No		

Under the conditions specified, this permit authorizes the following:

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Gryllus assimilis	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Gryllus assimilis	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Gryllus bimaculatus	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Gryllus firmus	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Gryllus integer	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Gryllus pennsylvanicus	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Gryllus rubens	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Gryllus spp.	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Gryllus texensis	Any	Research - Growth Chamber (lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	

PERMIT GUIDANCE

Permit Number P526P-18-00903

THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.

Carlos A. Blanco
Carlos Blanco

DATE

03/14/2018

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

This permit does not fulfill the requirements of other federal or state regulatory authorities. As appropriate, please contact the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, or your State's Department of Agriculture to ensure proper permitting.

Receipt or use of foreign regulated organisms or samples from countries under sanctions requires specific permission from the U.S. Department of Treasury (see <http://www.ustreas.gov/offices/enforcement/ofac/sanctions> for current country/regional listings) for current country listings.

This permit does not authorize importation, interstate movement, possession, and/or use of strains of genetically engineered regulated organisms (created by the use of recombinant DNA technology). If an animal pathogen is identified in your shipment, to ensure appropriate safeguarding, please refer to http://www.aphis.usda.gov/import_export/animals/animal_import/animal_imports_anproducts.shtml.


If you are considering renewal of this permit, an application should be submitted at least 90 days prior to the expiration date of this permit to ensure continued coverage. Permits requiring containment facilities may take a longer period of time to process.

PERMIT CONDITIONS

The permittee must follow these conditions without exception:

1. This permit authorizes Dr. Caroline Williams, Department of Integrative Biology, 163 Life Sciences Addition, University of California-Berkeley, Berkeley, CA, to move the above described Gryllus species from the continental United States, for laboratory research at the USDA-APHIS-approved Facility Number 3536 at the address above. These conditions must be followed:
2. The permit holder must:
 - (a) comply with all requirements and permit conditions,
 - (b) maintain a valid permit so long as the regulated organisms are alive,
 - (c) not assign or transfer this permit to other persons,
 - (d) be a resident of the United States
 - (e) safeguard and dispose of the regulated organisms during the term of this permit,
 - (f) take all necessary precautions to prevent the unauthorized release of regulated organisms. In the event of an unauthorized release, the permit holder must notify the permit unit,
 - (g) adequately mitigate environmental impacts resulting from unauthorized release of regulated organisms,
 - (h) contain any/all organisms not authorized under this permit,

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- (i) notify the permit unit of the receipt of unauthorized organisms,
- (j) notify the permit unit if facilities are destroyed or decommissioned for any reason,
- (k) maintain an official permanent work assignment at the address on this permit,
- (l) notify the permit unit in advance of any change in the permit holder's work assignment,
- (m) destroy all regulated organisms prior to departure from the organization unless other arrangements are confirmed by the permit unit prior to parting, and
- (n) notify the permit unit of the destruction of regulated organisms.

Notifications to the permit unit must be made via 866-524-5421 or pest.permits@aphis.usda.gov within one business day of the event triggering a notification.

3. Gryllus species must be shipped in sturdy, escape-proof containers.

A copy of this permit must accompany all shipments.

4. Gryllus species must be maintained only in the USDA-APHIS-approved containment Facility Number 3536 area at the work address indicated on this permit. Gryllus species must be removed from the laboratory or other designated area only with prior authorization from APHIS. Only the evaluated area is authorized for containment. Other rooms require specific approval.

All crickets must be maintained under escape-proof conditions at all times within the containment facility. The facility (or growth chamber) must be locked when the permittee or their designee is not present. The capacity of the insect to escape (dig, claw, push, fly, or chew through wood, plastics, or metals) must be considered in confinement design.

Collection methods must be available to catch escaping Gryllus species.

All materials removed from caging / shipping must be thoroughly examined for crickets and disposed following the waste disposal condition.

5. All waste materials from these cultures and any associated shipping materials must be disposed of properly. All waste materials must be double bagged and prepared by one of the following methods prior to disposal: 1) frozen at -20 C for 72 hours (note this is colder than most refrigerator freezers), 2) autoclave (preferred), 3) incinerated before entering the municipal waste stream, 4) pouring a cup of laundry bleach in the inner bag and retain the waste for 24 hours before disposal.
6. Standard Operating Procedures (SOPs) must be current and on file with the Pest Permit Evaluation Unit, 4700 River Road Unit 133, Riverdale, MD 20737 Facsimile 301-734-8700, (866) 524-5421; email pest.permits@aphis.usda.gov.

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7. All persons working with Gryllus species must be trained on the importance of approved containment practices.


All persons working with these organisms must be informed of these permit conditions. Anyone working with these organisms must agree to and sign/ initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/ APHIS but must be readily accessible in the event of an inspection and presented upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. The residency condition does not need to be signed. Signing these conditions only indicates that the person working under this permit has read them; the permit holder is the sole responsible party under this permit.

8. This authorization is not valid for field research, greenhouse work, or release into the environment.
9. Gryllus species must be destroyed as soon as they are no longer needed but no later than the expiration date of this permit.
10. All organisms isolated from Gryllus species must be maintained in the laboratory only. No field release is authorized under this permit.
11. There is to be no further distribution of these crickets without prior approval from State and Federal regulatory officials. Anyone requesting to receive these organisms from the permittee must possess a valid PPQ 526 permit to receive them.
12. Modifications to the containment of the Gryllus species must be approved prior to making changes. Please contact the Permit Unit, 4700 River Rd., Unit 133, Riverdale, MD 20737, Facsimile 301-734-8700, (866) 524-5421; email: pest.permits@aphis.usda.gov.
13. This permit only covers the listed Gryllus species. Work with plant diseases that these insects may transmit originating from outside of the destination state requires a separate permit.
14. Any alteration, forgery or unauthorized use of this permit and associated Federal Forms are subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b) or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001).
15. Without prior notice and during reasonable hours, authorized PPQ and/or State regulatory officials must be allowed to inspect the conditions associated with the regulated organisms authorized under this permit.

END OF PERMIT CONDITIONS

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